

Significant Items for February 2005

1. **ID Fan Drive Work:** New encoder assemblies were installed during the Unit 2 short outage on ID Fans 1C and 1B. Unit 1 Fan 1C was also temporarily removed from service an encoder was installed there also. The new encoders allow the drive to sense both speed and direction of travel. This is used as feedback signal to the new drives that are being installed. A new controller for the cooling water system was also installed on Unit 2 Fan 1D along with a sealed cooling water tank. The new controller was installed so that the 1D fans installed last year will match all of the other drives that will be installed over the next three years. The cooling water tank was installed to resolve a problem with air contaminating the water.
2. **DCS and Simulator:** ABB was on-site to upgrade the Unit 2 DCS with the System Baseline 3, Service Patch 2 software . They also worked on some of the Phase 1 deficiencies on the IM (Historian) system during the shutdown. During February, the simulator check-out and testing continued with much progress made. We have been able to simulate full load operation with start-ups and shutdowns.
3. **Lower Water Wall Inspections:** Worked with Maintenance to inspect and repair the cracks found in the Unit 2 boiler at the lower water wall header inside the bottom ash hopper. The inspection was done as a result of a Unit 2 outage that previously occurred in February when we had a leak in a tube to header weld at the lower water wall. Many crack indications were found in the tube to header welds during the inspection. Most were just ground out and some required welding to restore integrity. We believe that this inspection will prevent any further outages from leaks in this area.